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Amendments to the Claims:

Amendments to the claims are reflected in the following Listing of Claims which will replace all prior versions and listings of Claims in the Application:

1. (previously presented) A method of detecting unauthorised copies of a genuine document, comprising the steps of:
 - (a) computing profiles of a printing characteristic derivable from a set of documents that are known or can be assumed to be largely genuine, the characteristic being associated with the output of a printer that prints genuine documents and not being intrinsic to the original document;
 - (b) analysing the profiles to assess the probability that any given document within the set, or additional to it, is in fact genuine.
2. (original) The method of Claim 1 in which the characteristic is the degree of print diffusion on line edges.
3. (original) The method of Claim 1 in which the characteristic is the degree of line fragmentation.
4. (original) The method of Claim 1 in which the characteristic is the degree of edge deformation.
5. (original) The method of Claim 1 in which the characteristic is the configuration of pixels.
6. (original) The method of Claim 1 in which the characteristic is the orientation of glyphs.

7. (original) The method of Claim 1 in which the profile is represented in a histogram.
8. (original) The method of Claim 7 in which the profile is represented as a first derivative of the histogram.
9. (original) The method of Claim 1 in which profile related data is written into the document.
10. (original) The method of Claim 1 in which the profile is generated and updated as a consequence of large numbers of printed documents being regularly analysed.
11. (original) The method of Claim 10 in which the document is a cheque.
12. (original) The method of Claim 1 in which the original is accurately printed in a controlled environment and the profile is generated using occasional samples.
13. (original) The method of Claim 12 in which the document is currency, a driving license, ID, or a passport.
14. (original) The method of Claim 1 in which the original is modified by including a special printed feature designed to facilitate profile comparison.
15. (currently amended) The method of ~~any preceding~~ Claim 1 comprising the steps of generating a mean value for several profiles and determining the distance from this mean of each of a large number of sample documents, so that

any counterfeit documents in the sample fall outside of the distance distribution associated with authentic documents.